

**Appendix B. Listed Animal and Plant Species having the Potential to Occur Within the Project Area.**

	Species Name		Status		Habitat	Potential to Occur
	Common	Scientific	Federal	State		
<b>Invertebrates</b>	Conservancy fairy shrimp	Branchinecta conservatio	endangered		Vernal pools and other seasonal wetlands.	No suitable habitat is present within the project area.
	Vernal pool fairy shrimp	Branchinecta lynchi	threatened		Vernal pools and other seasonal wetlands.	No suitable habitat is present within the project area.
	Vernal pool tadpole shrimp	Lepidurus packardi	endangered		Vernal pools and swales.	No suitable habitat is present within the project area.
	Valley elderberry longhorn beetle	Desmocerus californicus dimorphus	threatened		Elderberry shrubs, typically in riparian habitat.	Elderberry shrubs are present within the Folsom Facility but not within the project area.
<b>Fish</b>	Delta smelt	Hypomesus transpacificus	threatened	threatened	Thought to spawn in shallow marginal areas of upper freshwater reaches of the Delta; or in Suisun Marsh or the Napa River. Typically rear in shallow, open waters of the estuary. They are mostly found in the salinity range of 2-7 parts per thousand.	No suitable habitat is present within the project area. Delta smelt are restricted from western San Pablo Bay and the Napa River, eastward to Suisun Bay and the tidal freshwater reaches of the Sacramento-San Joaquin River Delta.
	Central Valley steelhead	Oncorhynchus mykiss	threatened		Requires cold, freshwater streams with suitable gravel for spawning; rears in riverine slackwater zones having cover such as floodplain, marginal, backwater, pocketwater, and/or pool habitat.	No suitable habitat is present within the project area. Steelhead can access the lower American River downstream of Nimbus Dam (6 miles downstream of Folsom Dam) but cannot ascend the river upstream of Nimbus Dam.
	Central Valley spring-run Chinook salmon	Oncorhynchus tshawytscha	threatened	threatened	Requires cold, freshwater streams with suitable gravel for spawning; rears in riverine slackwater zones having cover such as floodplain, marginal, backwater, pocketwater, and/or pool habitat.	No suitable habitat is present within the project area. Salmon can access the lower American River downstream of Nimbus Dam (6 miles downstream of Folsom Dam) but cannot ascend the river upstream of Nimbus Dam.

**Appendix B (cont.). Listed Animal and Plant Species having the Potential to Occur Within the Project Area.**

	Species Name		Status		Habitat	Potential to Occur
	Common	Scientific	Federal	State		
<b>Fish (cont.)</b>	Winter-run Chinook salmon, Sacramento River	Oncorhynchus tshawytscha	endangered	endangered	Requires cold, freshwater streams with suitable gravel for spawning; rears in riverine slackwater zones having cover such as floodplain, marginal, backwater, pocketwater, and/or pool habitat.	No suitable habitat is present within the project area. Salmon can access the lower American River downstream of Nimbus Dam (6 miles downstream of Folsom Dam) but cannot ascend the river upstream of Nimbus Dam.
	Hardhead minnow	Mylopharodon conocephalus		Species of special concern	Undisturbed, cool, well-oxygenated low- to mid-elevation streams or riverine reservoirs. Prefer deep, clear pools and runs with rocky substrates and slow velocities. Do not tolerate predatory bass presence.	No suitable habitat is present within the immediate project area. They have only been found far upstream within the tributary arms of Folsom Reservoir.
<b>Amphibians</b>	California tiger salamander, central population	Ambystoma californiense	threatened	candidate endangered	Vernal pools and seasonal wetlands with burrows & other below-ground refuge.	No suitable habitat is present within the project area.
	California red-legged frog	Rana aurora draytonii	threatened		Emergent riparian vegetation closely associated with deepwater and the absence of predatory fish and bullfrogs.	No suitable habitat is present within the project area. Current populations are limited to coast and coastal mountain ranges of California and in the Sierra Nevada (above elevation 1,000 feet) from Butte County to Fresno County.
<b>Reptiles</b>	Giant garter snake	Thamnophis couchi gigas	threatened	threatened	Rice fields, irrigation supply and drainage canals, freshwater marshes, sloughs, ponds, and other aquatic habitats with permanent summer water and vegetative cover.	No suitable habitat is present within the project area. Current populations are limited to rice-producing areas in the Central Valley, portions of the Yolo Bypass, portions of the Sacramento-San Joaquin Delta, and in the San Joaquin Valley.

**Appendix B (cont.). Listed Animal and Plant Species having the Potential to Occur Within the Project Area.**

	Species Name		Status		Habitat	Potential to Occur
	Common	Scientific	Federal	State		
<b>Birds</b>	Bald Eagle	Haliaeetus leucocephalus		endangered	Nests and roosts in coniferous forests near lakes, reservoirs, or streams. Over-winters at lakes, reservoirs, and along river systems.	An active nest is located approximately six miles away from the project area.
<b>Plants</b>	Stebbins's morning-glory	Calystegia stebbinsii	endangered	endangered	Openings within chaparral and foothill woodland areas on gabbroic soils. Elevation around 980 feet.	No suitable habitat is present within the project area. Stebbins's morning-glory occur at elevations higher than the project area within localized locations of El Dorado County (Salmon Falls area) and Nevada County.
	Pine Hill ceanothus	Ceanothus roderickii	endangered	rare	Chaparral and cismontane woodland with serpentinite or gabbroic soils at elevations between 260-630 m.	No suitable habitat is present within the project area. Project area is below elevation range.
	Pine Hill flannel bush	Fremontodendron californicum ssp. decumbens	endangered	rare	Chaparral and cismontane woodland with serpentinite or gabbroic soils and rocky areas. Elevations between 425-760 m.	No suitable habitat is present within the project area. Project area is below elevation range.
	El Dorado bedstraw	Galium californicum ssp. sierrae	endangered	rare	Chaparral, cismontane woodland, lower montane, and coniferous forest habitats and gabbroic soils within an elevation range from 100-585 m.	No suitable habitat is present within the project area, which is lacking coniferous forest and gabbroic soils in the immediate area.
	Sacramento Orcutt	Orcuttia viscida	endangered	endangered	Vernal pools.	No suitable habitat is present within the project area (no vernal pools).
	Layne's butterweed	Senecio layneae	threatened	rare	Chaparral and cismontane woodland with serpentinite or gabbroic soils and/or rocky areas. Elevations between 200-1,000 m.	No suitable habitat is present within the project area. Specific soil types do not occur within the project area.